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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/933,984	08/20/2001	Sashiro Uemura	96790p374	7676
8791	7590 12/03/2003		EXAM	NER
	SOKOLOFF TAYLOR	BERCK, KENNETH A		
12400 WILSHIRE BOULEVARD, SEVENTH FLOOR LOS ANGELES, CA 90025		ENTHILOUK	ART UNIT	PAPER NUMBER
•	,		2879	

DATE MAILED: 12/03/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

		QQ			
	Application No.	Applicant(s)			
	09/933,984	UEMURA ET AL.			
Office Action Summary	Examiner	Art Unit			
	Ken A Berck	2879			
The MAILING DATE of this communication ap Period for Reply	ppears on the cover sheet with the	correspondence address			
A SHORTENED STATUTORY PERIOD FOR REPI THE MAILING DATE OF THIS COMMUNICATION - Extensions of time may be available under the provisions of 37 CFR 1 after SIX (6) MONTHS from the mailing date of this communication. - If the period for reply specified above is less than thirty (30) days, a reg - If NO period for reply is specified above, the maximum statutory period - Failure to reply within the set or extended period for reply will, by statu - Any reply received by the Office later than three months after the mailine armed patent term adjustment. See 37 CFR 1.704(b). Status	.136(a). In no event, however, may a reply be ti ply within the statutory minimum of thirty (30) da d will apply and will expire SIX (6) MONTHS fron te, cause the application to become ABANDONE	mely filed ys will be considered timely. n the mailing date of this communication. ED (35 U.S.C. § 133).			
1) Responsive to communication(s) filed on	<u> </u>				
2a) ☐ This action is FINAL . 2b) ☑ This	s action is non-final.				
Since this application is in condition for allows closed in accordance with the practice under					
Disposition of Claims					
4)⊠ Claim(s) <u>1-12</u> is/are pending in the applicatio	n.				
4a) Of the above claim(s) is/are withdra					
5) Claim(s) is/are allowed.					
6)⊠ Claim(s) <u>1-12</u> is/are rejected.					
7) Claim(s) is/are objected to.	!				
8) Claim(s) are subject to restriction and/	or election requirement.				
Application Papers					
9)☐ The specification is objected to by the Examiner.					
10)⊠ The drawing(s) filed on <u>20 August 2001</u> is/are	: a)⊠ accepted or b)□ objected	to by the Examiner.			
Applicant-may not request that any objection to the	- · ·	, ,			
Replacement drawing sheet(s) including the corre					
11) The oath or declaration is objected to by the E	Examiner. Note the attached Office	Action or form PTO-152.			
Priority under 35 U.S.C. §§ 119 and 120					
 12) △ Acknowledgment is made of a claim for foreign a) △ All b) □ Some * c) □ None of: 1. △ Certified copies of the priority documer 2. □ Certified copies of the priority documer 3. □ Copies of the certified copies of the priority 	nts have been received. nts have been received in Applicat ority documents have been receiv	iion No			
application from the International Burea * See the attached detailed Office action for a lis 13) ☐ Acknowledgment is made of a claim for domes	t of the certified copies not receiventic priority under 35 U.S.C. § 119	(e) (to a provisional application)			
since a specific reference was included in the fi 37 CFR 1.78. a) ☐ The translation of the foreign language p	·	• •			
14) ☐ Acknowledgment is made of a claim for domes	* *				
reference was included in the first sentence of t					
Attachment(s)					
) Notice of References Cited (PTO-892)		/ (PTO-413) Paper No(s)			
 Notice of Draftsperson's Patent Drawing Review (PTO-948) Information Disclosure Statement(s) (PTO-1449) Paper No(s) 	· =	Patent Application (PTO-152)			
7 — Information Disclosure Statement(s) (FTO-1445) Paper No(s)	6)				



Art Unit: 2879

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DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-12 are rejected under 35 U.S.C. 102(e) as being anticipated by Yamamoto et al. (US 6563260).

Yamamoto discloses (fig 4) a vacuum fluorescent display with a front glass member (31), a substrate (1) opposing the front glass member, a phosphor film (33) formed on a surface of the front glass member having a predetermined display pattern, an electron-emitting portion (3) mounted on the substrate to oppose the phosphor film and having an electron-emitting surface corresponding to the display pattern, an electron extraction electrode (6, 37) arranged in the vacuum space between the emitting portion and phosphor film, spaced apart from the emitting portion by a predetermined distance and an insulating support member (5) formed on the substrate and adapted to support the electron extracting electrode and divide the electron-emitting surface of the electron-emitting portion into a plurality of regions.

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Regarding claim 2, Yamamoto discloses (fig 4) the insulating support member comprises at least one partition (5, 35) for dividing the electron-emitting surface into a plurality of regions.

Regarding claim 3, Yamamoto discloses (fig 4) the partitions are arranged substantially equidistantly to be parallel to each other.

Regarding claim 4, Yamamoto discloses (column 18, lines 53-55) the partition have heights of 0.2 mm to 2.0 mm each and are arranged at an interval of ½ to 5 times the height (fig 4).

Regarding claim 5, Yamamoto discloses (fig 4) the partition divided the emitting surface into a plurality of regions of almost the same shape.

Regarding claim 6, Yamamoto discloses (figs 4 and 5) the emitting surface of the electron-emitting portion is divided into a plurality of stripe regions parallel to each other.

Regarding claim 7, Yamamoto discloses (fig 4) the support member has an opening corresponding to the display pattern, and the partition is integrally formed with the insulating support member so as to divide the opening into a plurality of slit-like openings.

Regarding claim 8, Yamamoto discloses (fig 6) the extracting electrode (6004) is formed of a mesh-like metal plate and is supported by the support member to be spaced apart from the emitting surface by a predetermined distance.

Regarding claim 9, Yamamoto discloses (fig 4) the extraction electrode is formed of a conductive film formed at a top of the insulating support member.

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Regarding claim 10, Yamamoto discloses (column 11, lines 20-30) the emitting portion is formed of a large number of carbon nanotubes formed of graphite layers.

Regarding claim 11, Yamamoto discloses (fig 2a) the emitting portion comprises a plate-like metal member (6) having a large number of through holes and serving as a growth nucleus for nanotube fibers (column 11, lines 20-30) and a coating film (3) formed of a large number of nanotube fibers formed on a surface of the metal member and on the walls of the through holes.

Regarding claim 12, Yamamoto discloses (fig 4) the emitting portion and the phosphor film comprise a plurality of sets in one-to-one correspondence for each display pattern.

Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ken A Berck whose telephone number is (703)305-7984. The examiner can normally be reached on Mon-Fri 8:30-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nimesh Patel can be reached on (703)305-4794. The fax phone number for the organization where this application or proceeding is assigned is (703)308-7382.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703)308-0956.

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